

CLAIM AMENDMENTS:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A method of making a digital subscriber line (DSL) connection to a remote network, the method comprising:
detecting the a presence of a powered-on network capable device that is connected to a DSL modem on a local network;
establishing the a network connection over a DSL line to the remote network after detecting the presence of the powered-on network capable device on the local network;
terminating the network connection over the DSL line to the remote network after detecting an absence of network capable devices connected to the DSL modem on the local network; and
releasing network resources supported by the remote network after the network connection is terminated.
2. (Original) The method of claim 1, further comprising assigning a dynamic lease to the network capable device.
3. (Original) The method of claim 2, further comprising determining when the dynamic lease expires.
4. (Original) The method of claim 3, further comprising terminating the network connection over the DSL line after detecting that the lease has expired.

5 – 12. (Canceled)

13. (Previously presented) A digital subscriber line communication system comprising:
a digital subscriber line (DSL) router including detection logic to detect the presence of a
powered-on network capable device that is connected to the DSL router via a
local network; and
a digital subscriber line between the digital subscriber line router and a remote network,
wherein a network connection is made over the digital subscriber line to the
remote network after the detection logic detects the presence of the powered-on
network capable device on the local network.

14. (Previously presented) The system of claim 13, wherein the digital subscriber line
router terminates the network connection to the remote network over the DSL line after detecting
an absence of any network capable devices connected to the DSL router via the local network.

15. (Original) The system of claim 14, wherein the digital subscriber line router initiates
release of network resources supported by a digital subscriber line network connection after the
network connection has been terminated.

16. (Original) The system of claim 14, wherein the network connection is a point to
point over Ethernet connection.

17. (Currently amended) A digital subscriber line communication system comprising:
a digital subscriber line router including lease assignment logic to dynamically assign a
lease to a network capable device to permit subsequent connection to a remote
network; and
a digital subscriber line between the digital subscriber line router and the remote network,
wherein a network connection is made over the digital subscriber line after the
lease assignment logic has assigned a lease to the network capable device.

18. (Previously presented) The system of claim 17, wherein the digital subscriber line router determines that the dynamically assigned lease has expired and terminates the network connection over the digital subscriber line after detecting that the lease has expired.

19. (Currently amended) A digital subscriber line (DSL) router comprising:
a network capable device detection module, wherein the network capable device detection module is configured to determine whether a powered-on network capable device is connected to the DSL router on a local network; and
a DSL modem, wherein the DSL modem is configured to initiate a connection to a remote network when the network capable device detection module determines that a powered-on network capable device is connected to the DSL router on the local network.

20. (Previously presented) The DSL router of claim 19, wherein the network capable device detection module is further configured to detect an absence of a network capable device connected to the DSL router on the local network.

21. (Previously presented) The DSL router of claim 19, wherein the DSL modem is further configured to terminate a connection to the remote network when no network capable device is connected to the DSL router on the local network.

22. (Previously presented) The DSL router of claim 19, further comprising a dynamic lease assignment module, wherein the dynamic lease assignment module is configured to assign a dynamic lease to a network capable device on the local network, and wherein the DSL modem is further configured to terminate a connection to the remote network after an assigned dynamic lease has expired.